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IFW

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re original application of:

Applicant : Timothy Good  
Serial No. : 10/045,577  
Filed : January 11, 2002  
Title of Invention : BIOPTICAL POINT-OF-SALE (POS) SCANNING SYSTEM  
EMPLOYING DUAL POLYGON-BASED LASER SCANNING  
PLATFORMS DISPOSED BENEATH HORIZONTAL AND  
VERTICAL SCANNING WINDOWS FOR 360°...  
Examiner : Thien Le  
Group Art Unit : 2876  
Attorney Docket : 108-120USA000

*entered*  
*10/5/04*  
*UPM*

Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

**AMENDMENT UNDER RULE 312(a)**

SIR:

Prior to payment of Issue Fee in the present Application, please amend the same as follows:

**AMENDMENT TO THE CLAIMS:**

Please amend Claims 31, 34, 37, 41, 49 and 53 as follows:

Claims 1-30 (canceled)

Claim 31 (currently amended): A bioptical laser scanning system capable of scanning a bar code symbol located on the surface of an object presented within a 3-D scanning volume at any orientation and from any direction at a point of sale (POS) station, said bioptical laser scanning system comprising:

a horizontal section integrally connected to a vertical section;

a horizontal-scanning window formed in said horizontal section;

a vertical-scanning window formed in said vertical section, and being substantially orthogonal to said bottom-scanning window;

a first plurality of laser beam folding mirrors disposed within said horizontal section;

*OK to*  
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*UPM*  
*10/2/2004*